Area of Concern (AOC) No. 1108: Building 6531 Seepage Pits (TA-III)

ADS: 1295
Operable Unit: Septic Tanks and Drainfields

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Site History

Historical SNL/NM Facilities Engineering drawings indicate that this drain system consisted of two seepage pits that were plumbed to Building 6531. The system is located outside of the facility perimeter fence and is approximately 220 feet west of Building 6531 and about 200 feet southwest of Building 6530, in TA-III. It is assumed that this drain system was abandoned in the early 1990s when the City of Albuquerque sanitary sewer system was extended into TA-III. No other historical research has been conducted for this site.

Constituents of Concern

Constituents of concern for this site are unknown

Current Hazards

No known surface hazards have been identified. Environmental characterization has not been conducted at the site; therefore potential subsurface environmental hazards are unknown.

Current Status of Work

A field inspection was conducted at the site in October 1999 and the two seepage pits were located and determined to still be intact.

To determine if environmental contamination is present beneath this system and in accordance with agreements reached with NMED personnel, additional sampling was conducted at this site. As shown on the site map, passive soil vapor samplers were installed at six locations around the

two seepage pits in April 2002 to detect the presence or absence of VOCs at the site. A single soil sample boring was also drilled directly beneath each of the two seepage pits at this site in August 2002. Soil samples collected from these borings were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), total cyanide, high explosive (HE) compounds, metals, and radionuclides.

Future Work Planned

This site may be selected for deeper environmental characterization sampling if analytical results from the shallow sampling indicate potentially significant contamination at depth.

Waste Volume Estimated/Generated

No environmental characterization or remediation waste has been generated at the site to date.

Information for ER Site 1108 was last updated Jan 20, 2003.